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MISSOURI GARDEN GEORGE ENGELMANN PAPERS

ELECTRICIT WISLIZENUS, Remarks on ATMOSP By

ve been made in the same manner an fine glass thread, which, after many oves as good as ever. I present here general result of my observations in elay in the publication of this volumy observations of atmospheric elt of my observations in 1862. The been made in the same manner

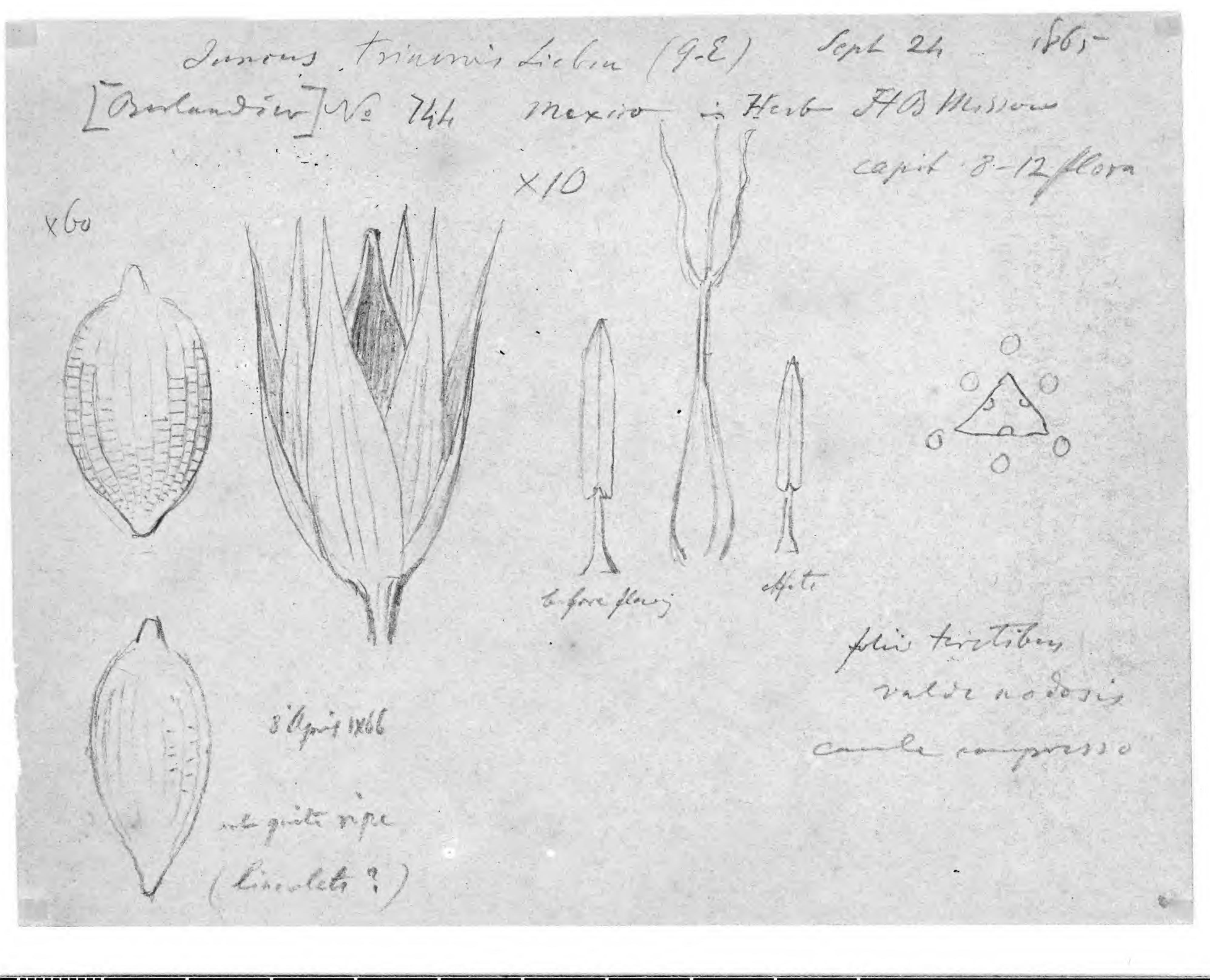
Electricity in 1861 and observations at 6, 9, 12, ly mean of Positive Atmospheric at St. Louis, Mo., based upon daily d 9 o'clock, from morning till nig

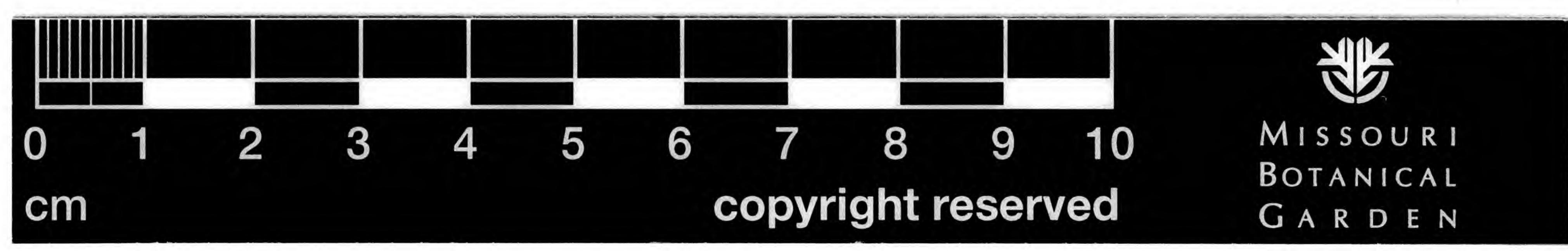
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Feb. Mar. Ap'l. May. Jun. Jul. Aug. Sept. 12.1 9.8 8.8 7.8 4.0 3.7 3.4 3.0 16.0 9.4 10.6 7.5 3.0 2.2 2.3 3.0

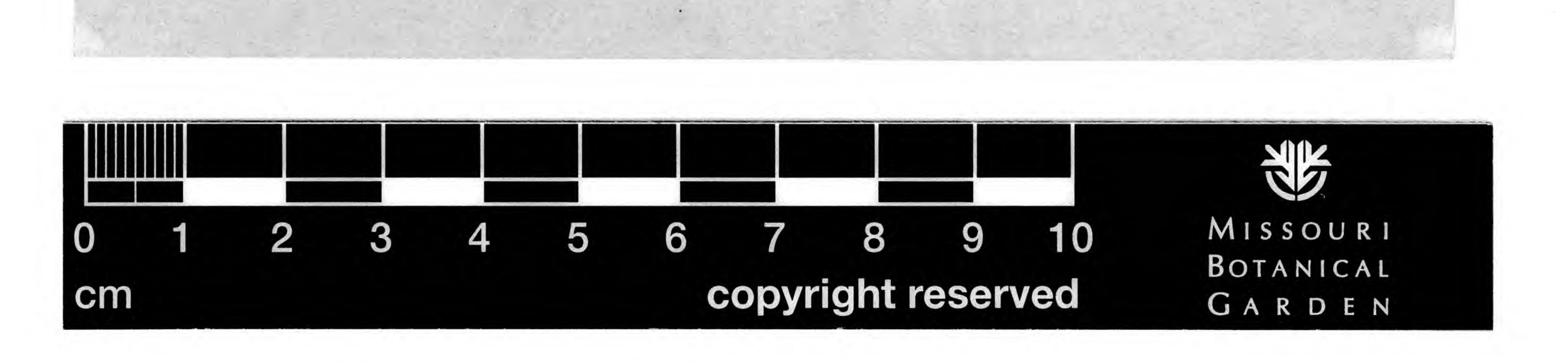
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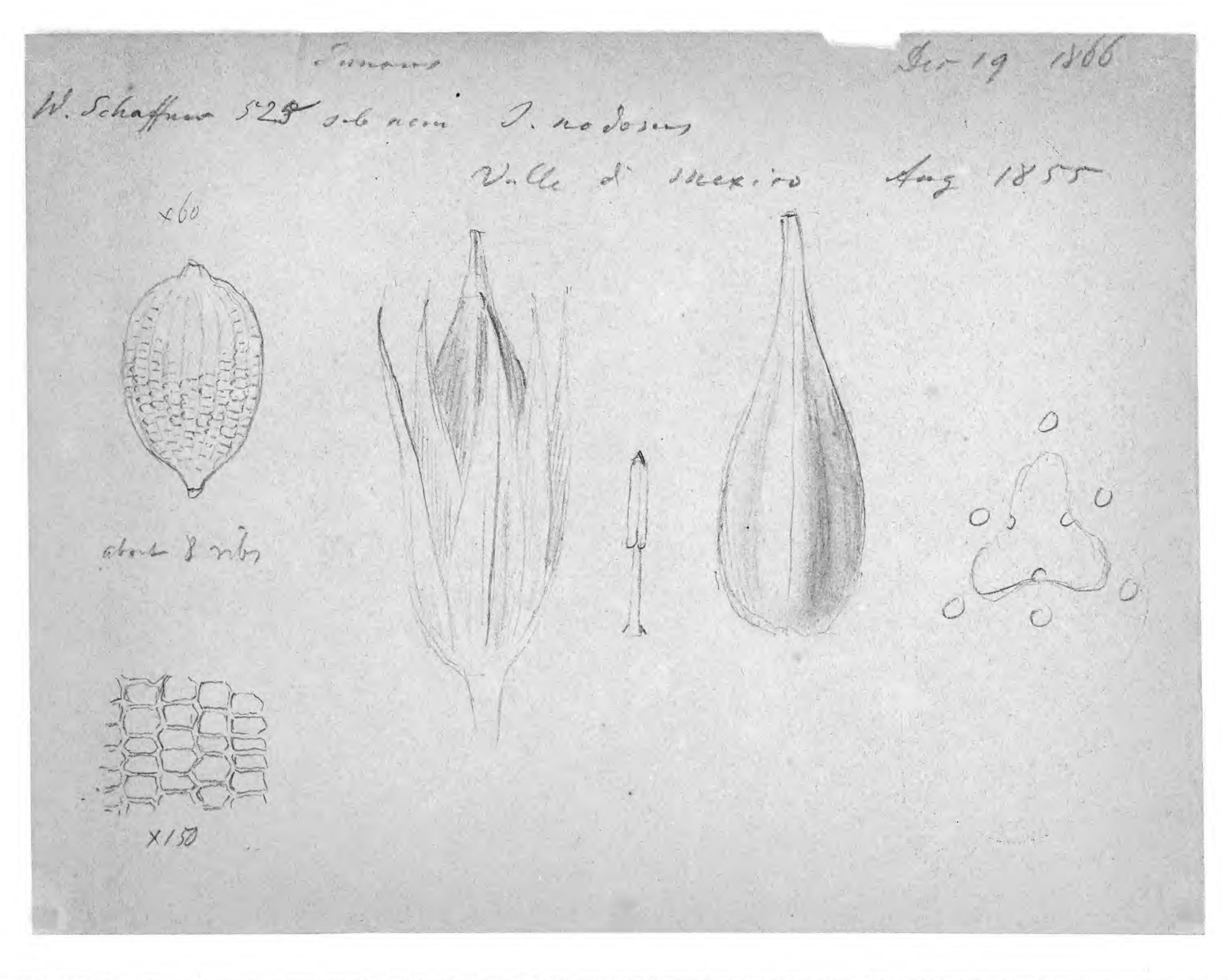


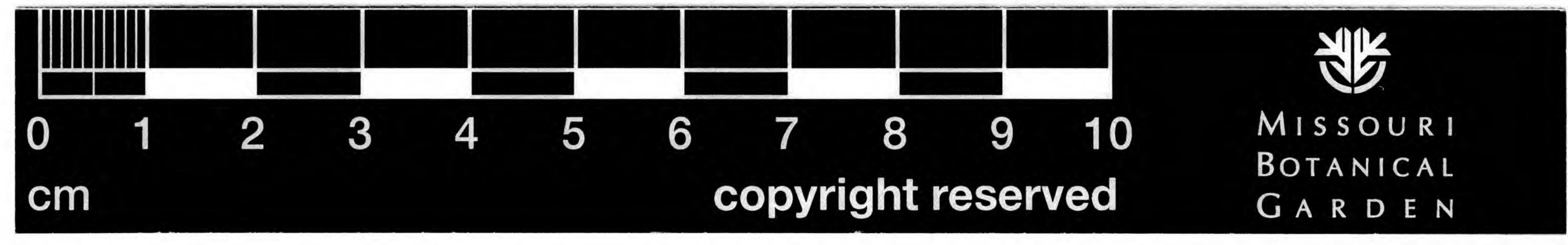


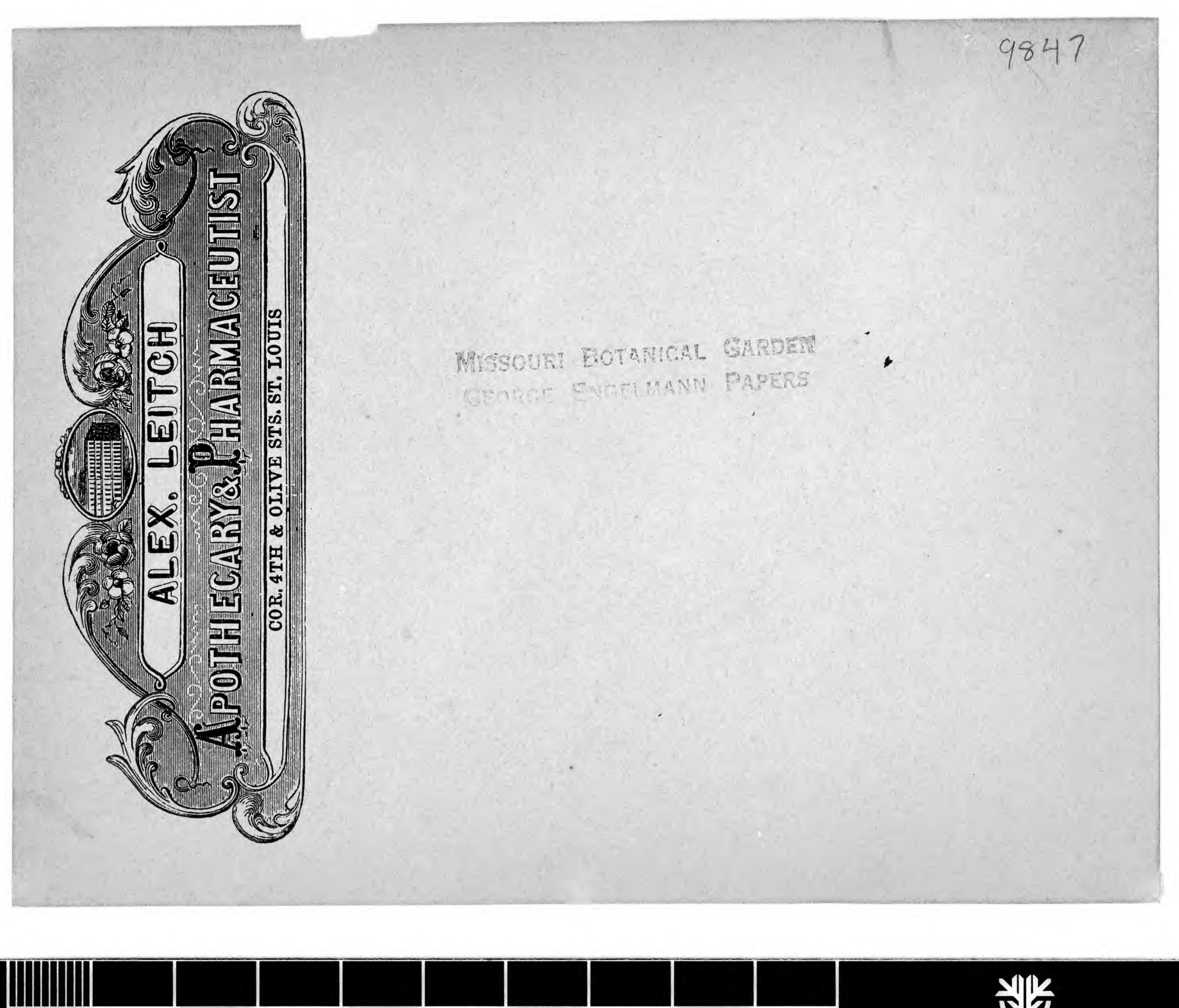




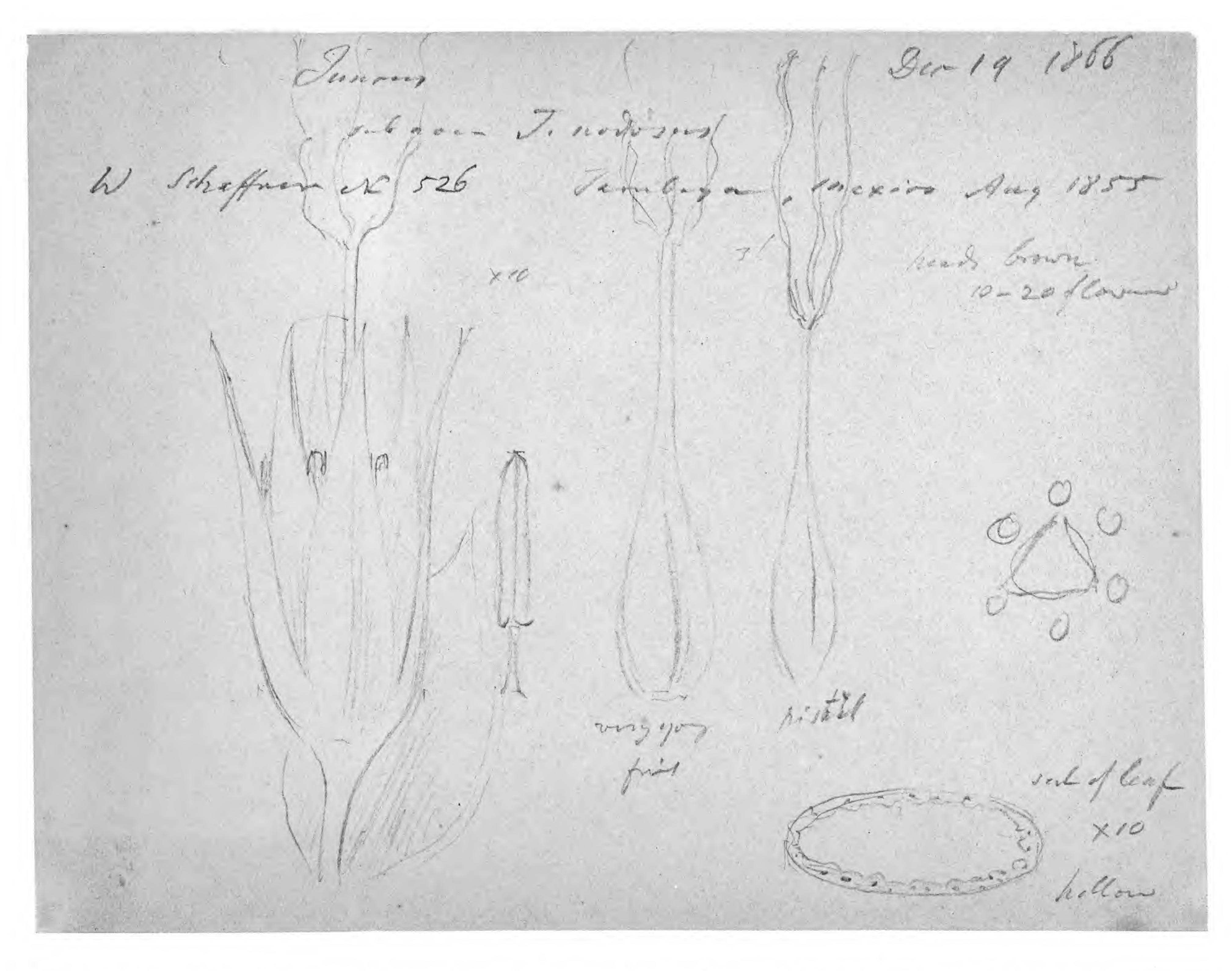
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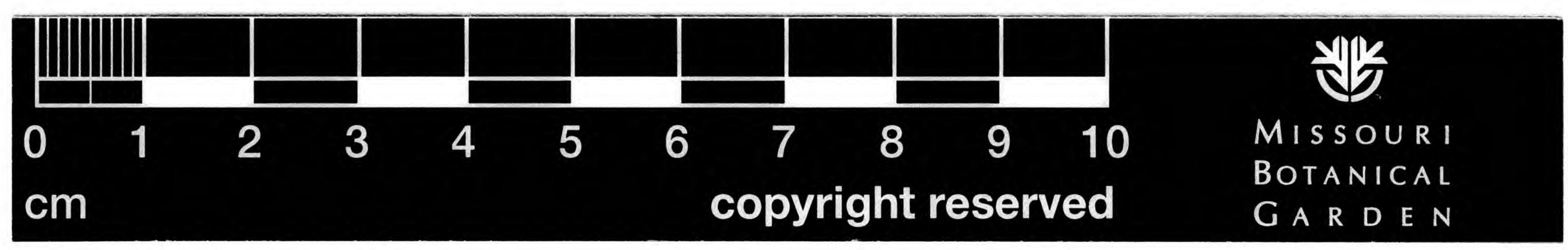






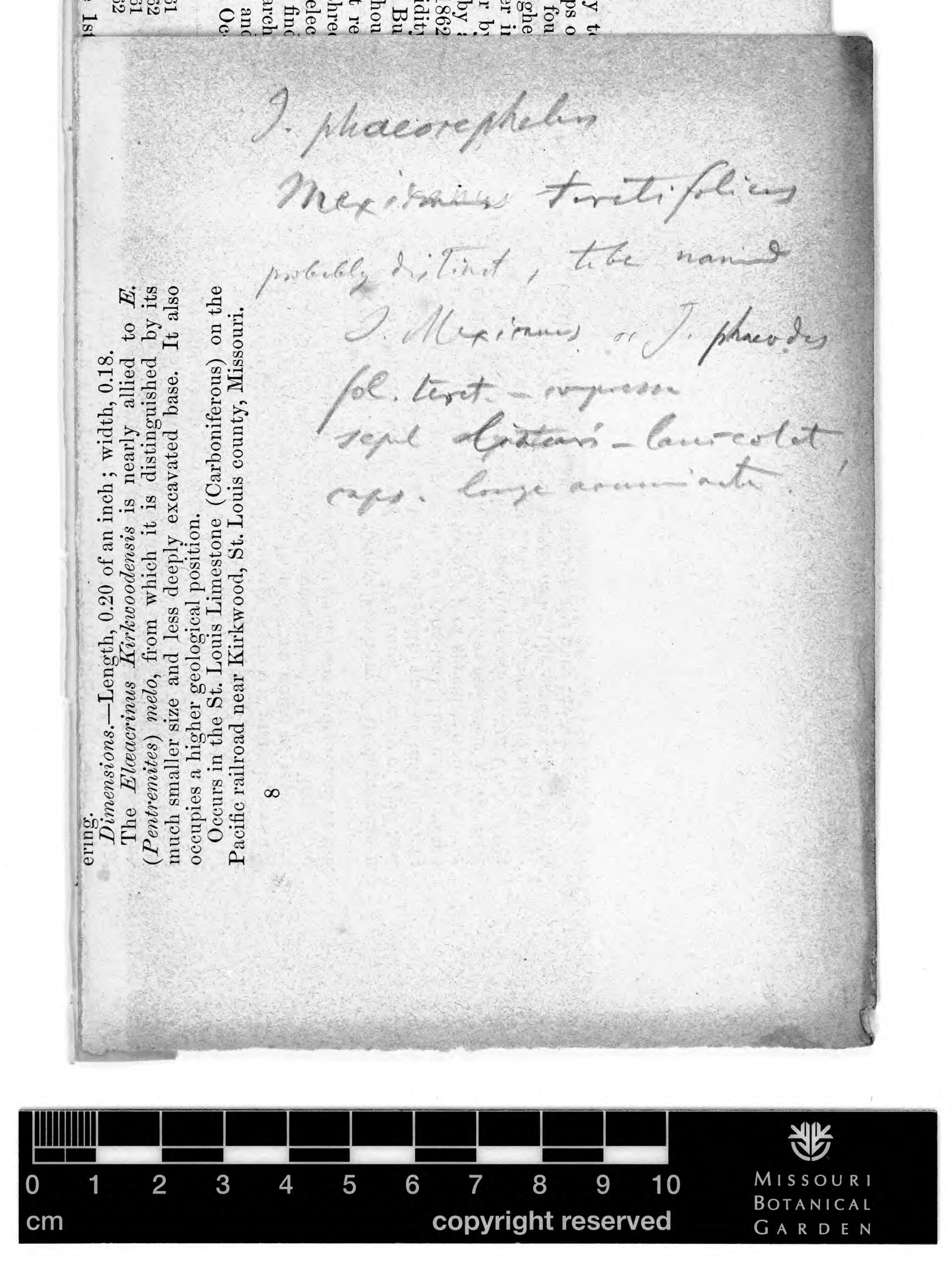












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greater 1861. groups. Computing the months which give the highest tricity and those which give the lowest in each year, we that in both years the months of January, February, Mapril, November and December exhibit the highest the months of May, June, July, August, September and tober the lowest electricity. The first group gives the year are apparent in both years, and we may in spect divide the twelve months of each year into two greater number of thunderstorms in 1862. January of constance, was so unusually rainy, that its relative he too was unusually high, diminishing thus electricity the general features of distribution of electricity through year are apparent in both years, and we may in the general features of the year are apparent in both years, and we may in the general features of the year are apparent in both years, and we may in the general features of the years are apparent in both years, and we may in the general features of the years. that degrees higher than that than March, and July is interrupted descent December, we find i differences in temperature and relative greater number of thunderstorms in 1869 ladder. s higher than that of January, April somewhat larch, and July is the lowest instead of Septer These trifling irregularities may be accounted The electricity in February, 1862, is r than that of January, April somew find in 18 thunderstorms in 1862. and 62 ascent took some interruptions place humidity, from in the Jan. 20 ar

The aggregate monthly mean of 71.5 degrees of electricity in 1861 and 74.6 " " 1862

While the second group gives 29.0 " " 1861

and 25.7 " " 1862

The second group prevailed therefore H. 1861, and

WISLIZENUS-ATMOSPHERIC ELECTRICITY

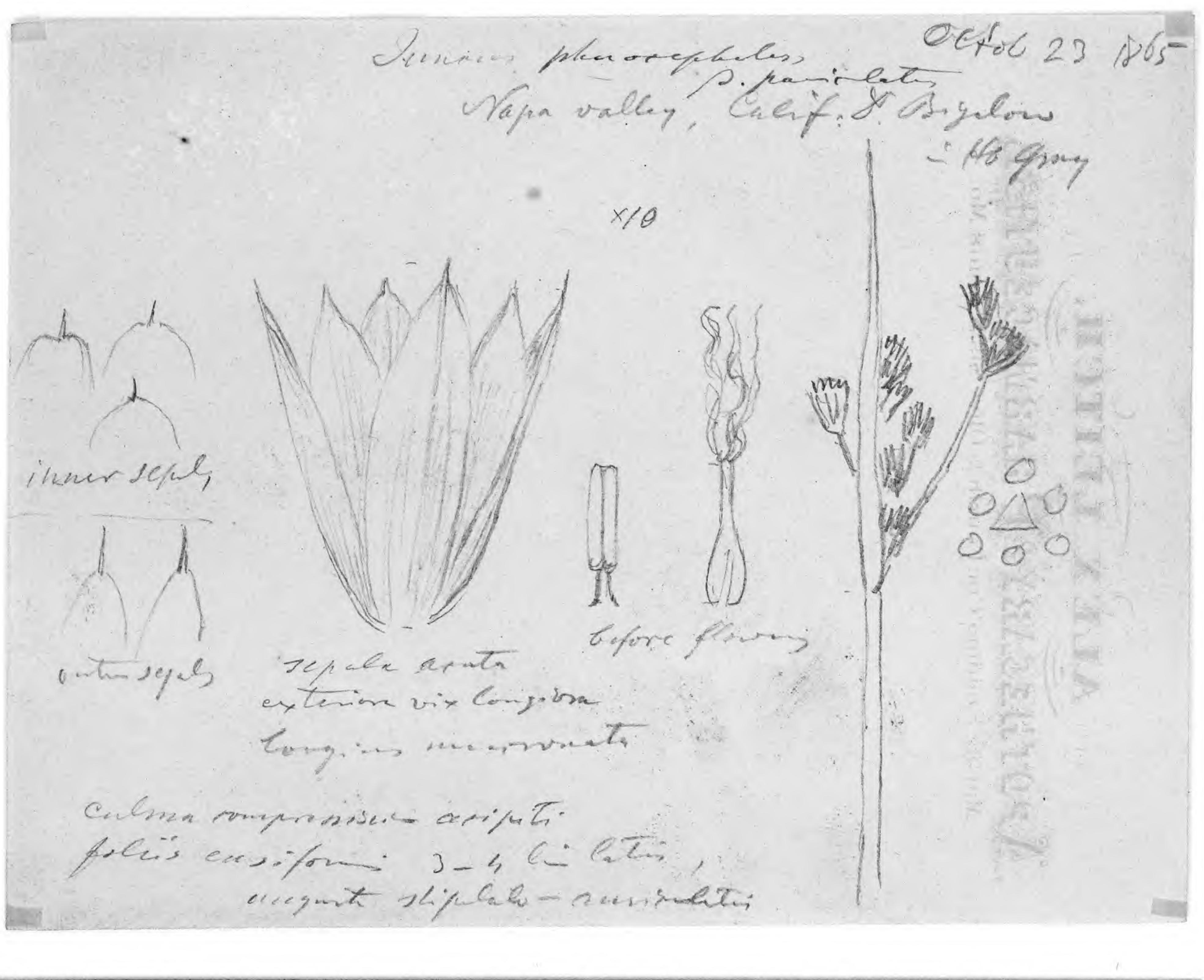
e appearance of negative electricity was connected in

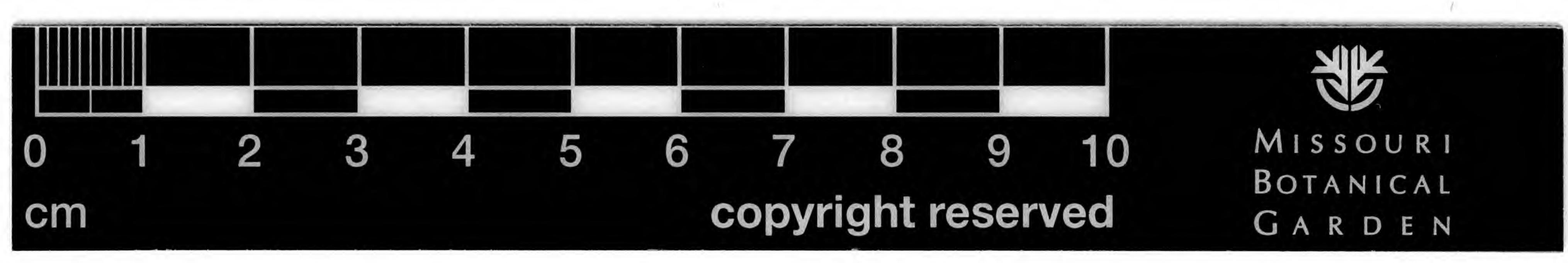
1 0 Fog.	4 snow.	0 with dry storms (without rain a	3 28 with rains without thunder and	0 sith thunderstorms.	o. times. No. times.	1861.	with thunderstorms. with rains without thunder and with dry storms (without rain der and lightning). with snow. with fog.		1861. No. times. 30 23 24 1
	with		0 with dry storms (without rain a der and lightning). 4 swith snow. 1 0 with fog.	 3 with rains without thunder and 4 with dry storms (without rain der and lightning). 4 show. 5 with snow. 1 0 with fog. 	with thunderstorms. with rains without thunder and with dry storms (without rain a der and lightning). with snow. with fog.	times. No. times. 30 32 with thunderstorms. 23 24 with dry storms (without rain der and lightning). 4 3 with snow. 4 3 with fog.		6.7	7.0

VII. Relation of Rain and Snow to Electricity

without thunderstorm was accompanied

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By no Electricity	In 1861.	
e Electri-	In 1862.	2
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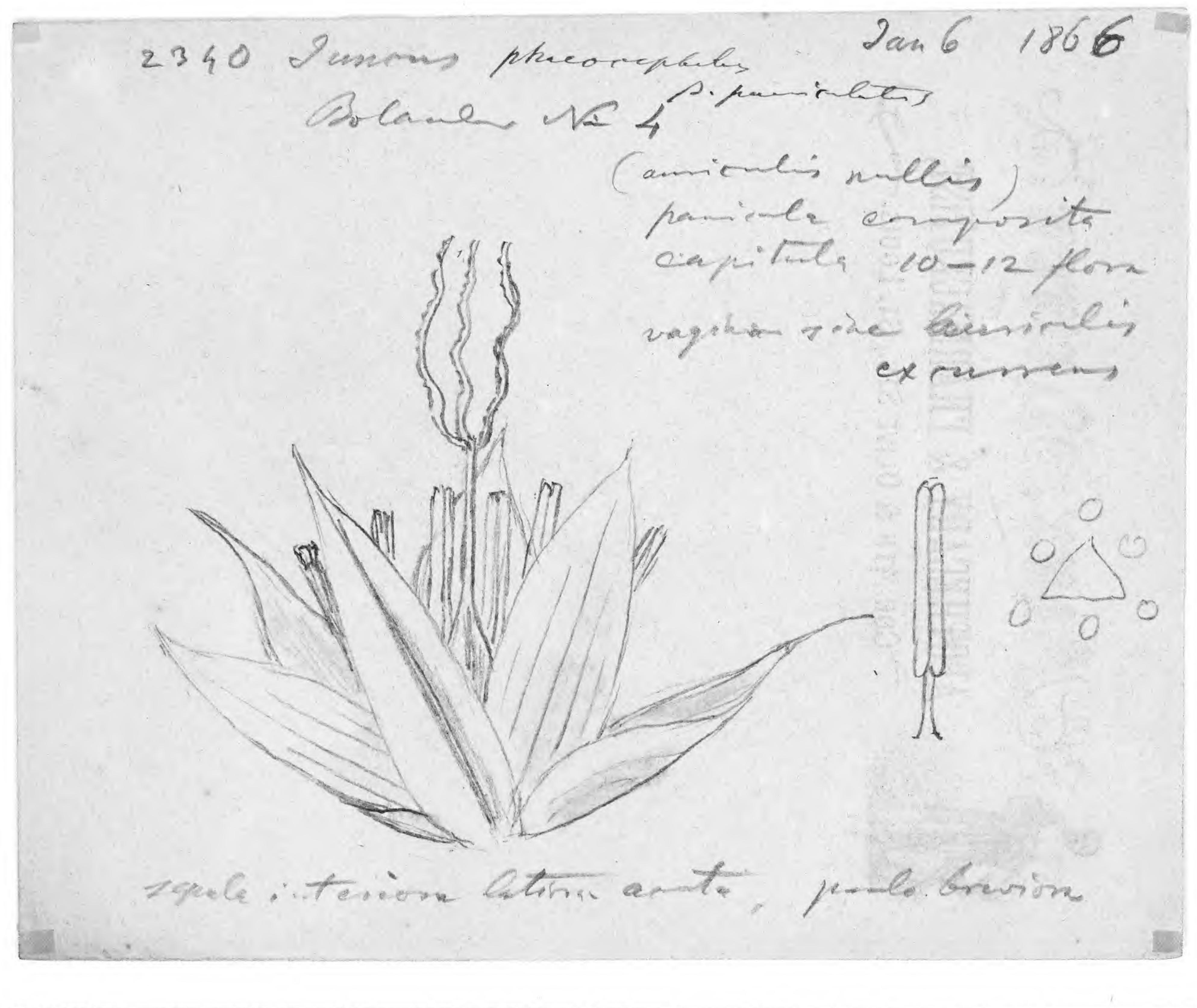


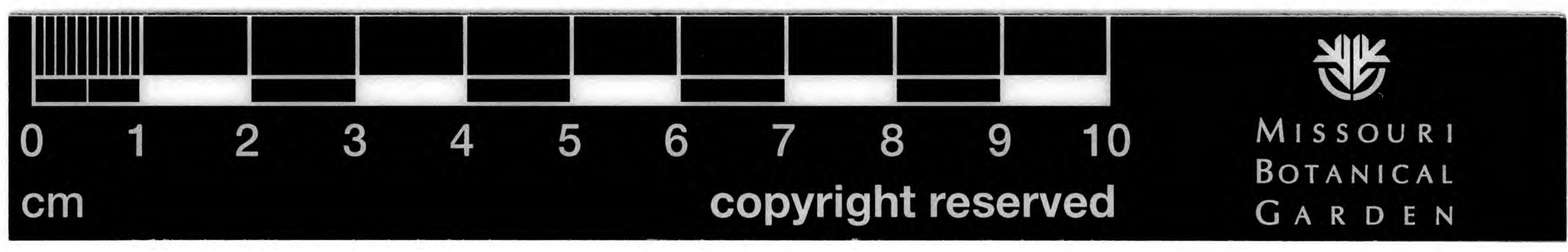


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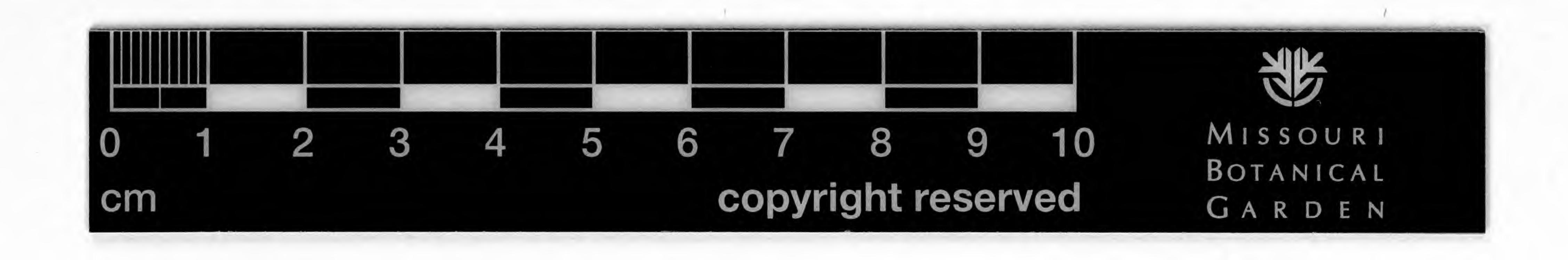
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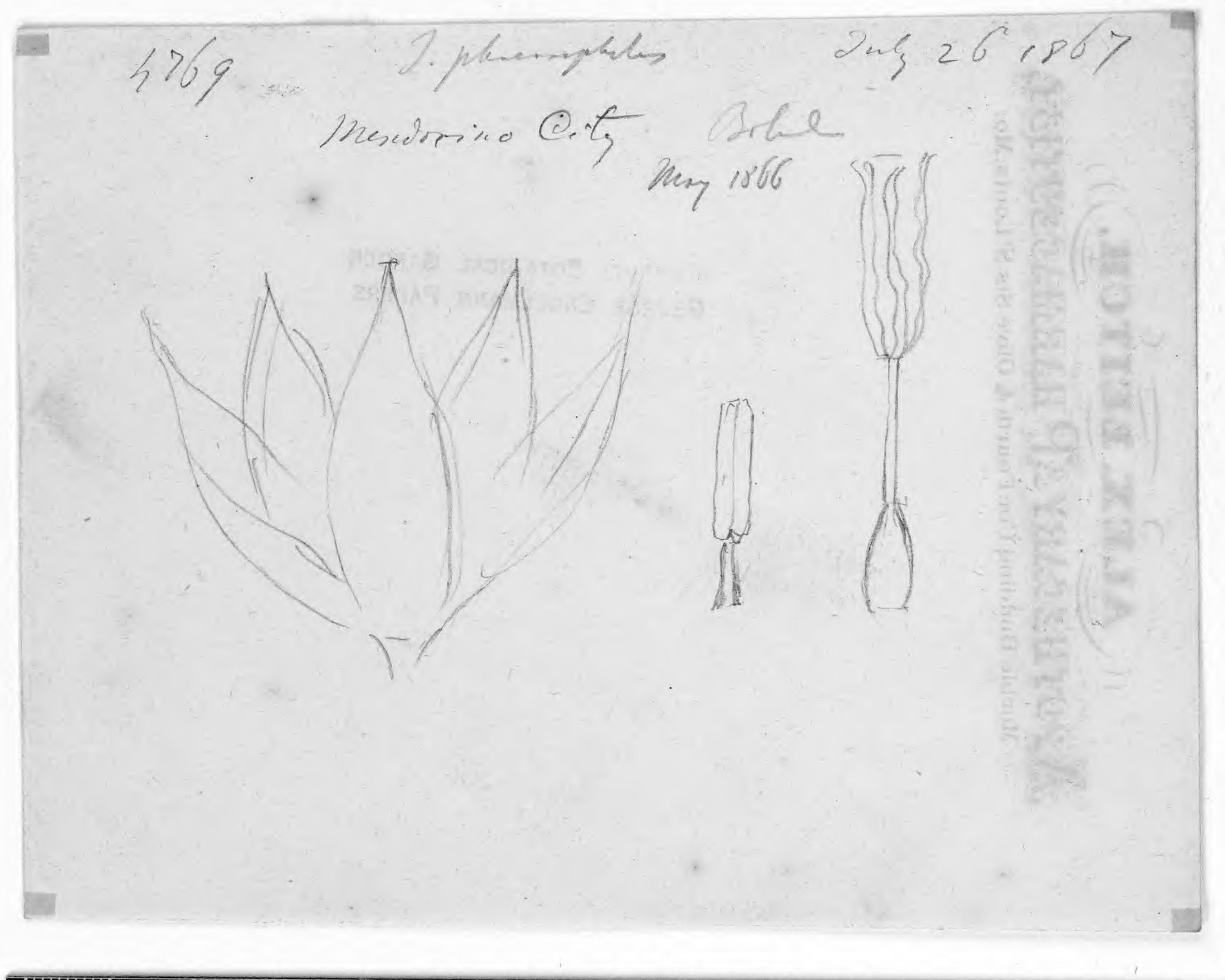
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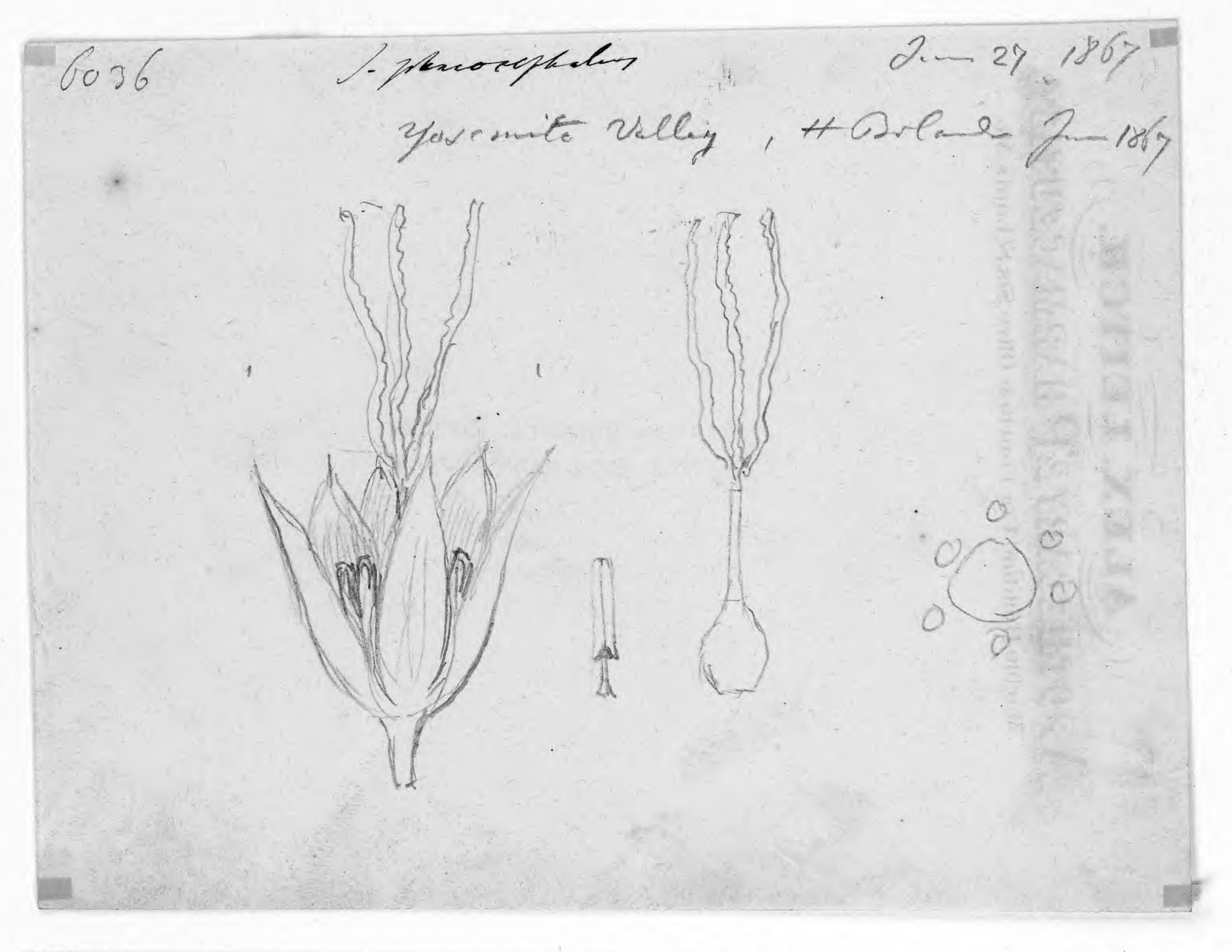




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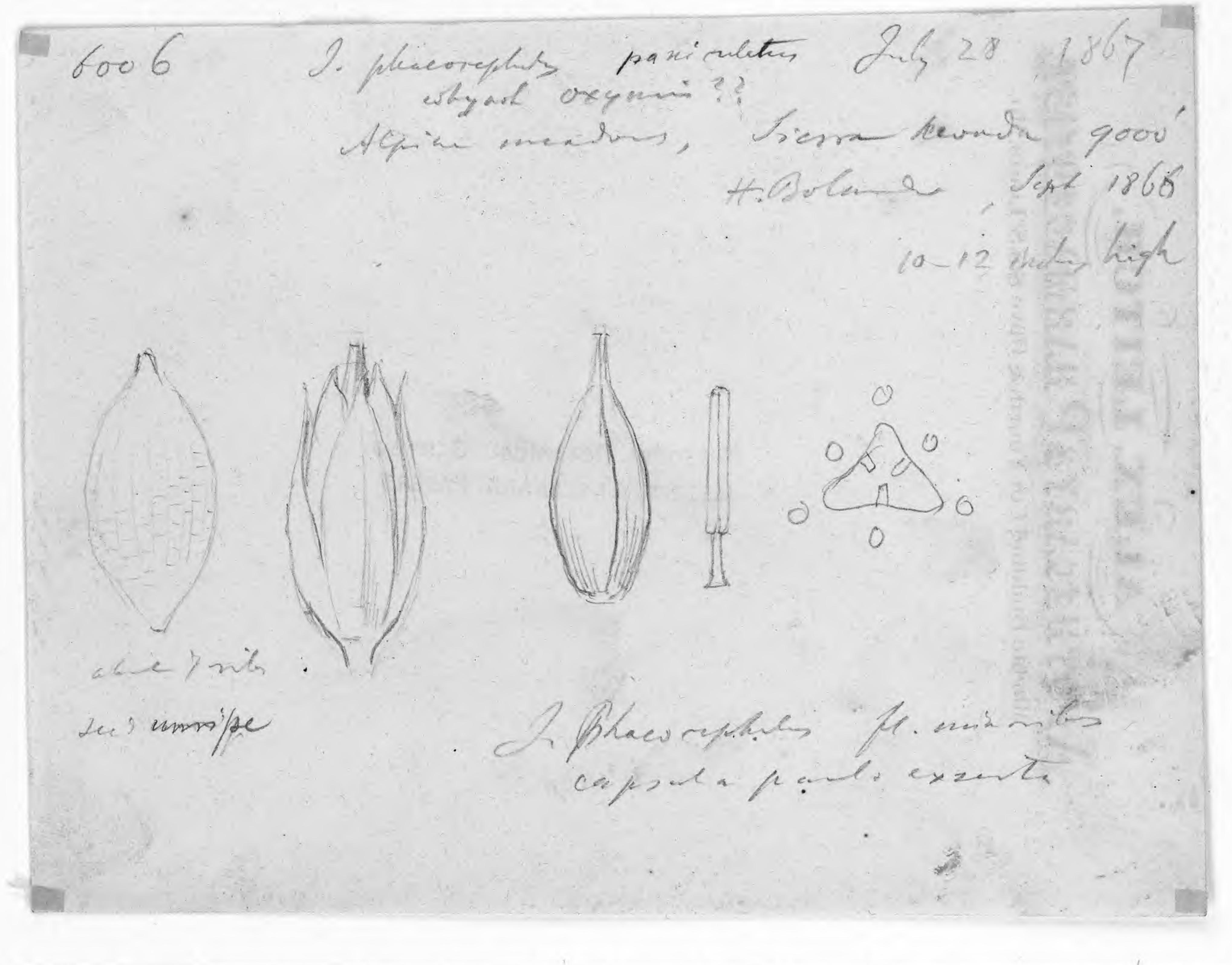


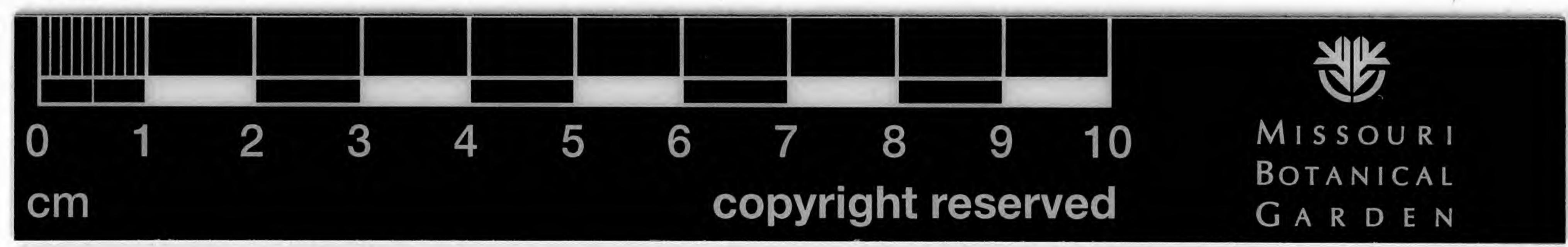




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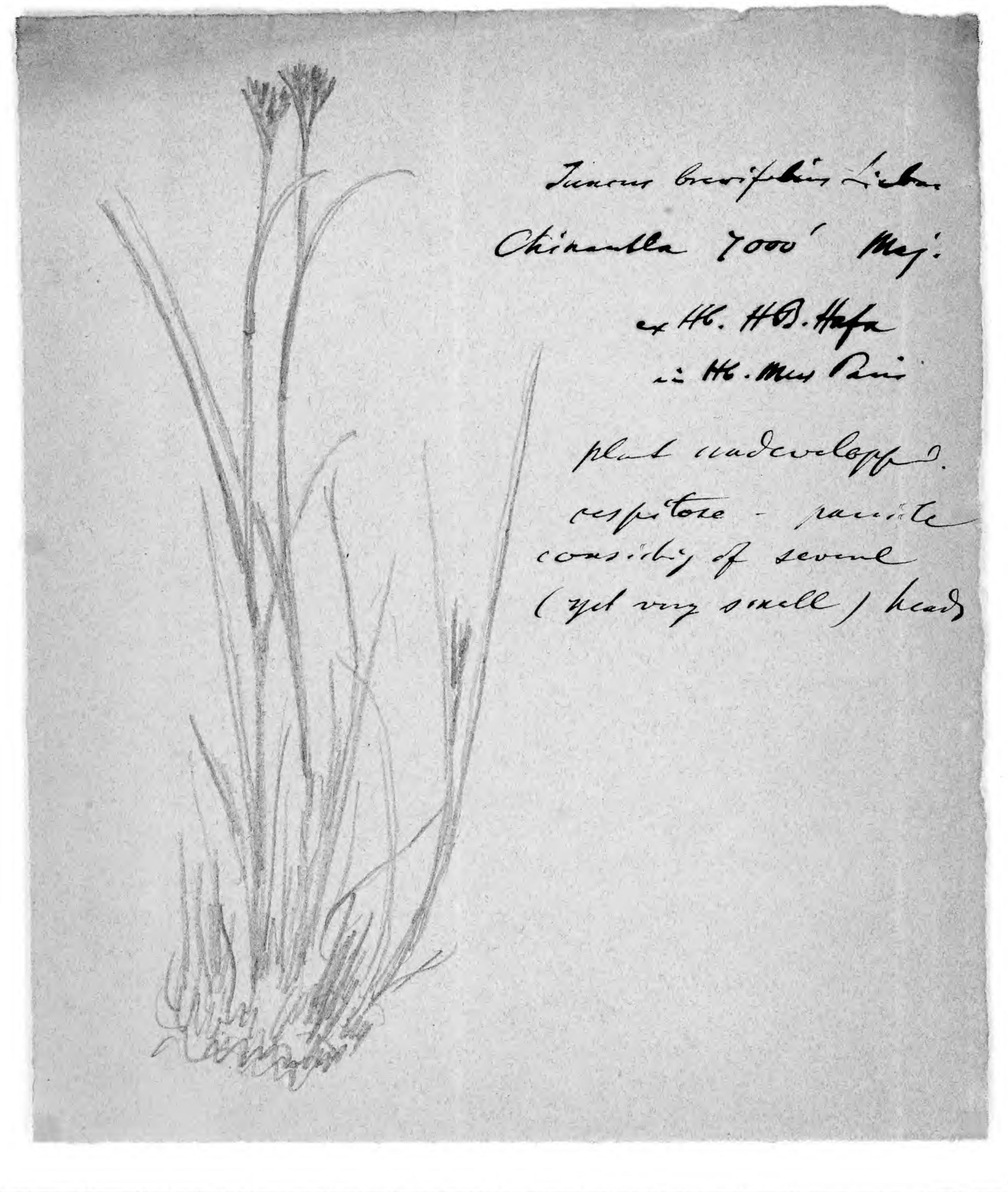


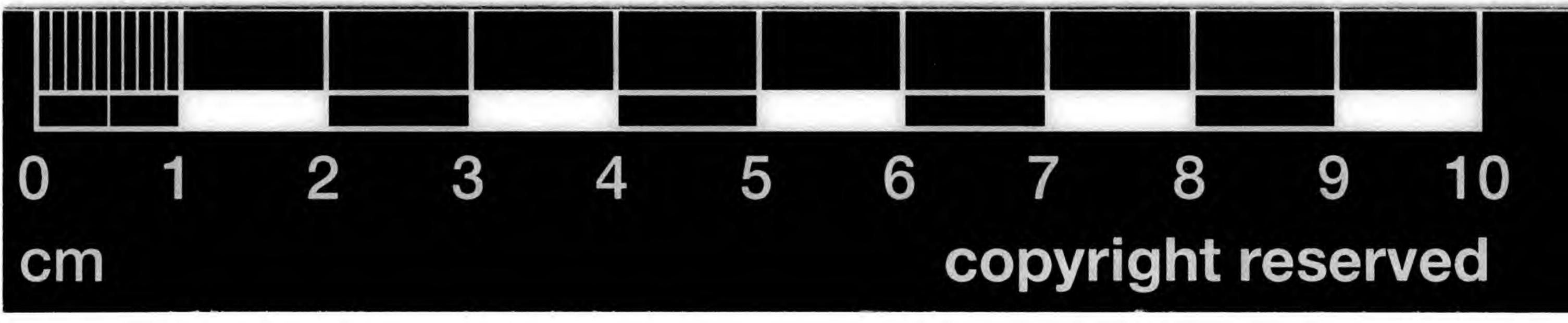




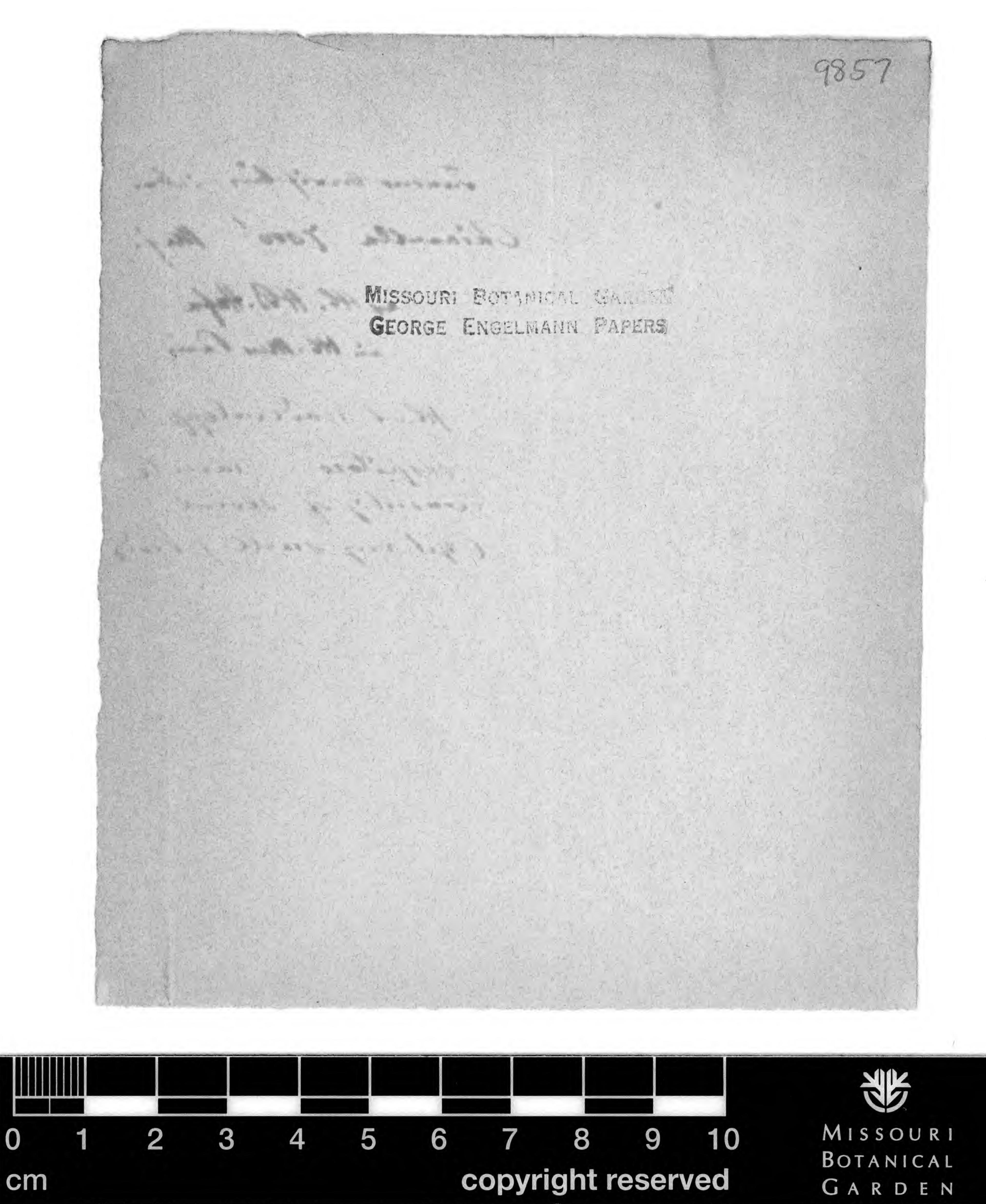
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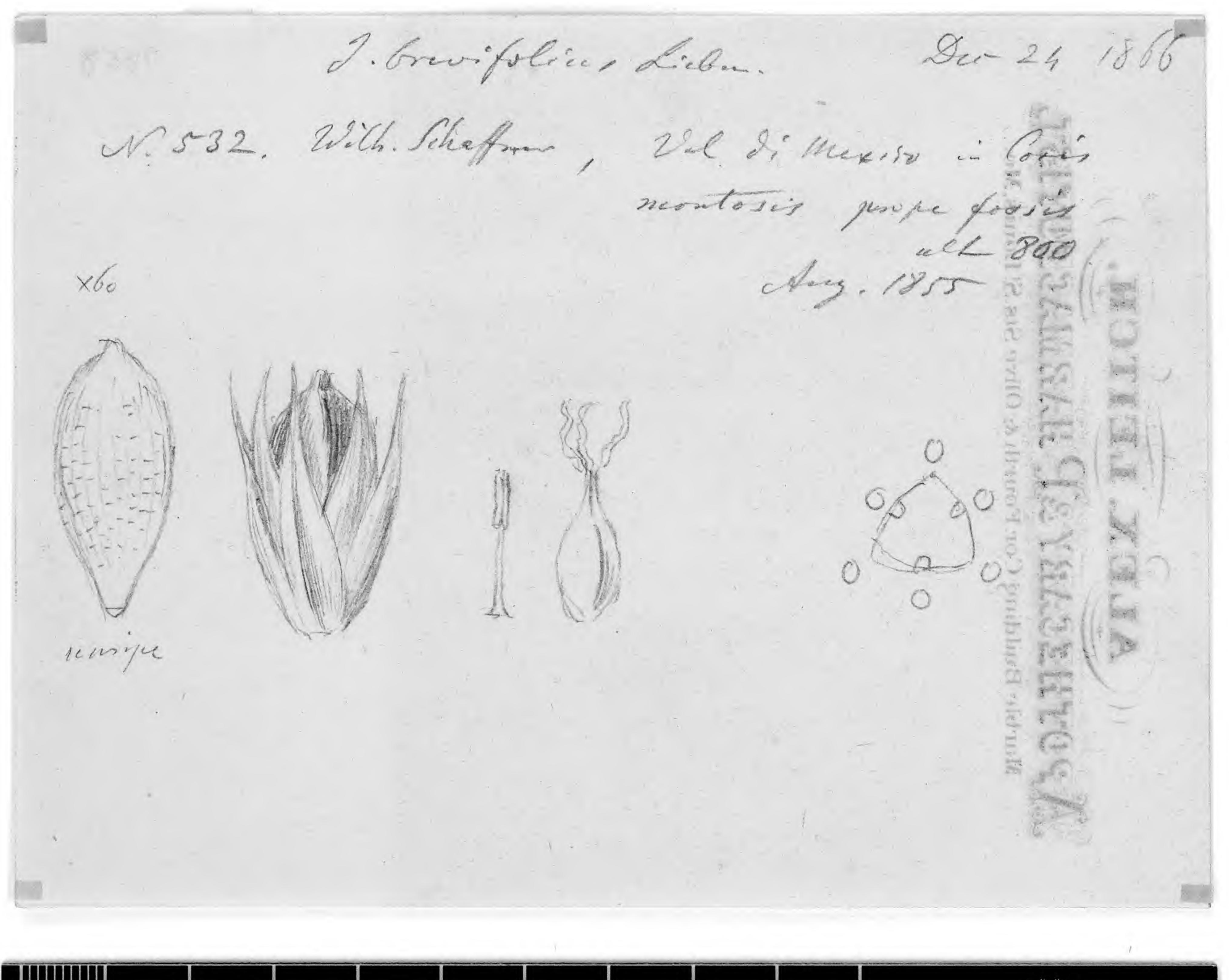


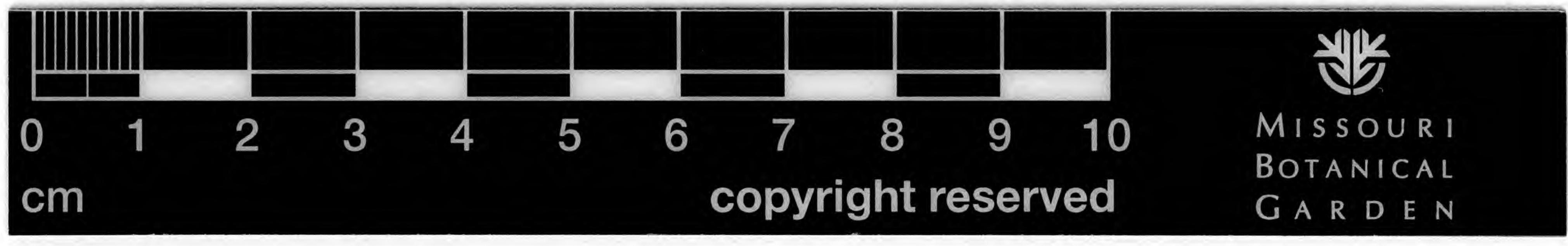




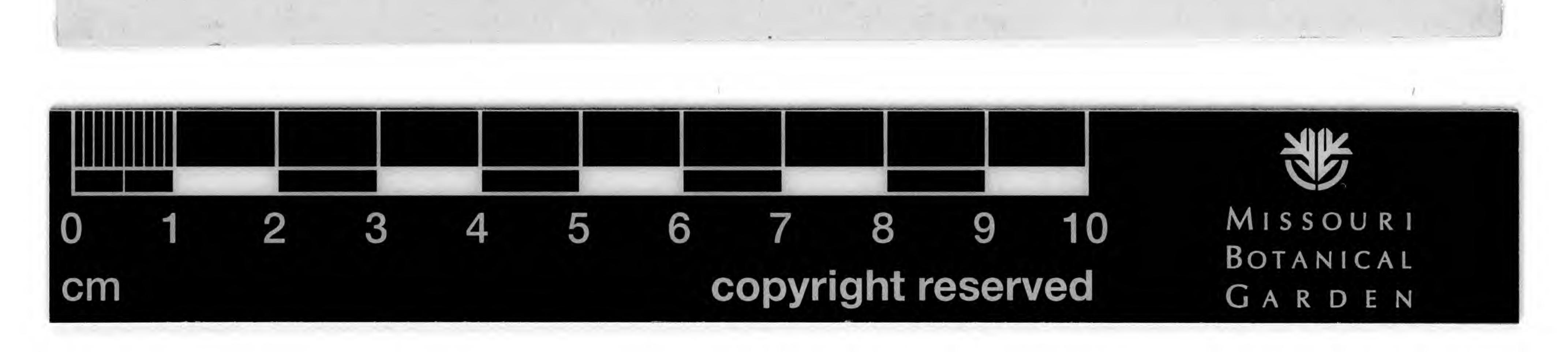
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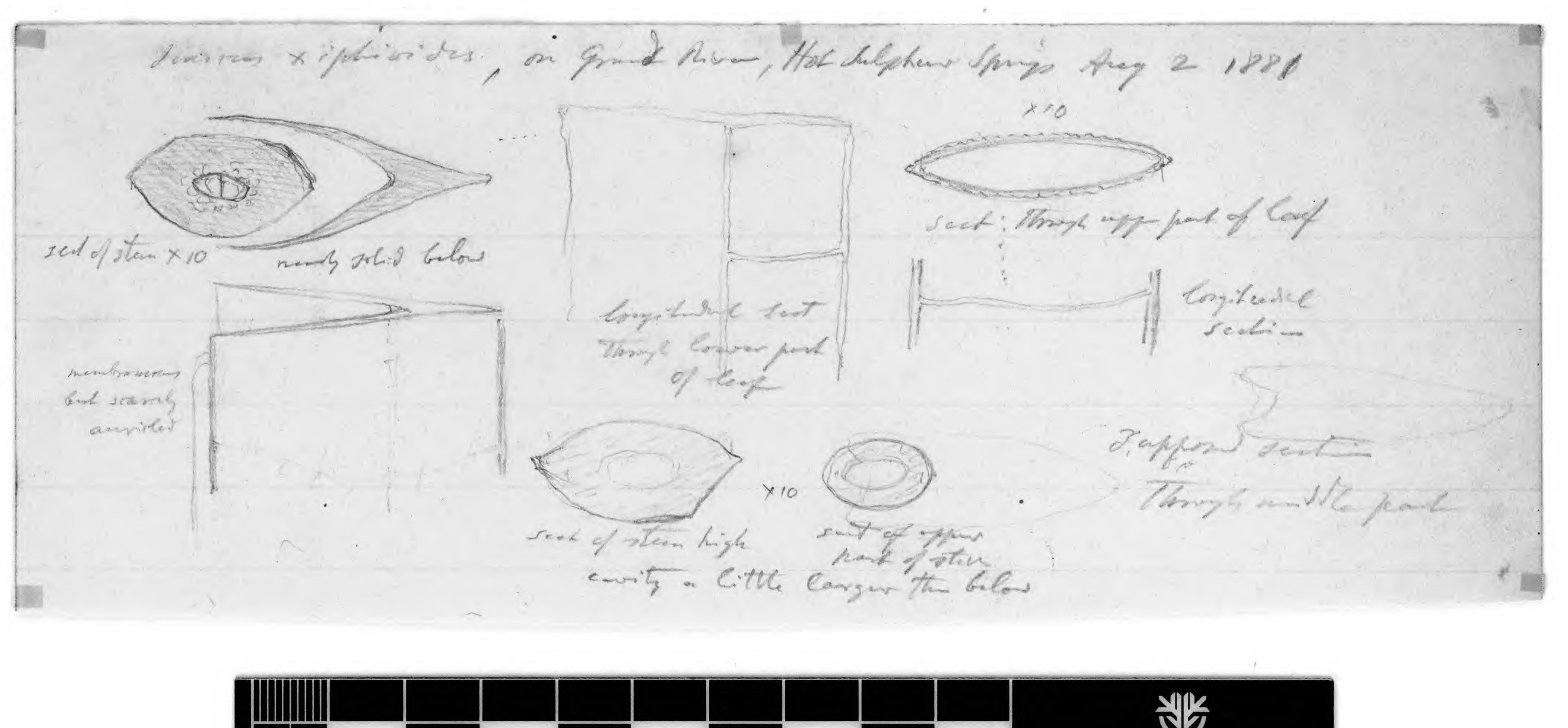


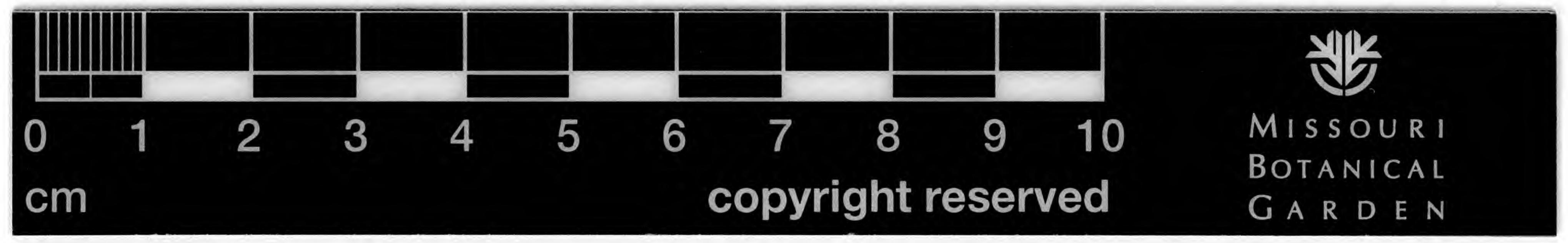






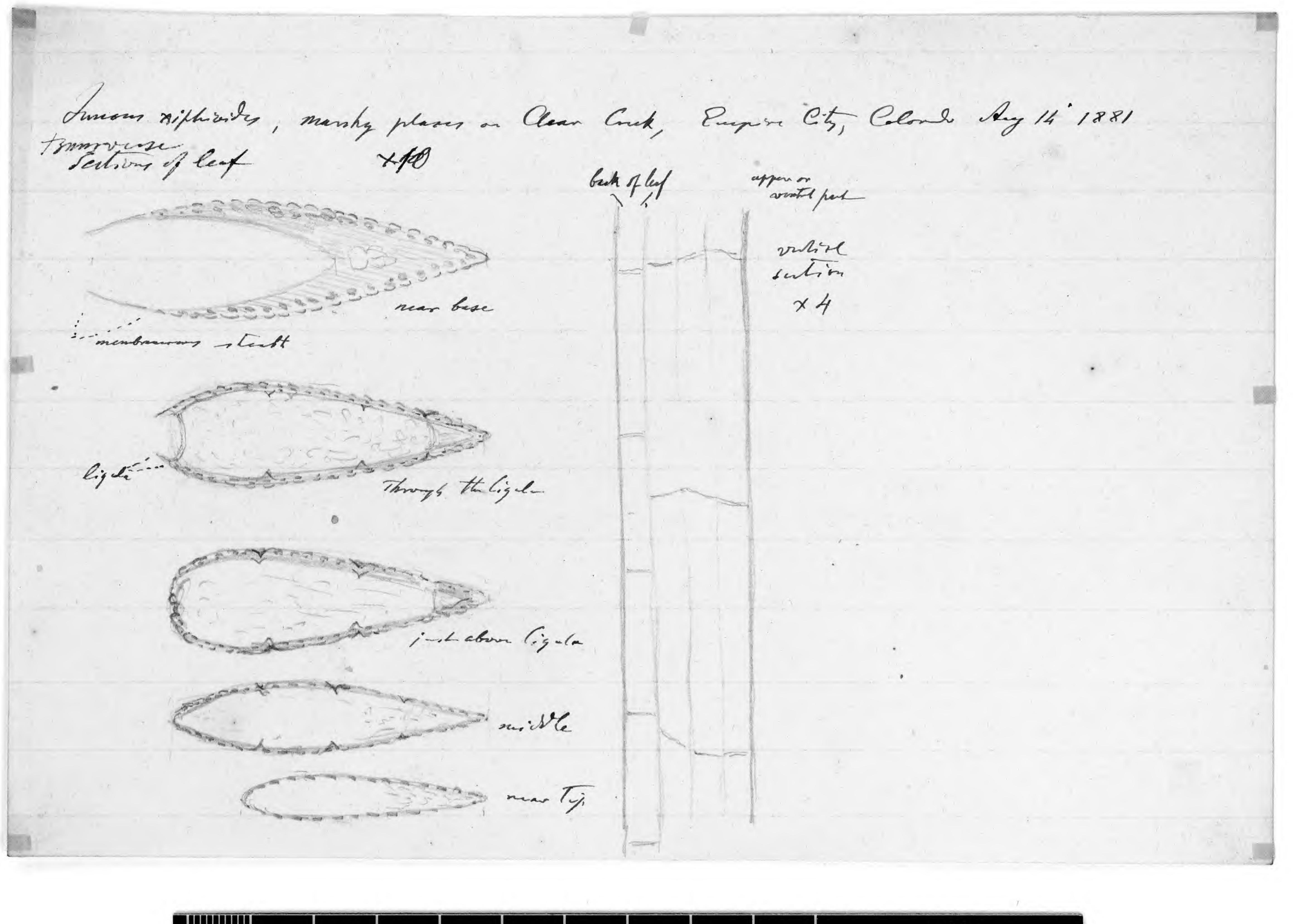






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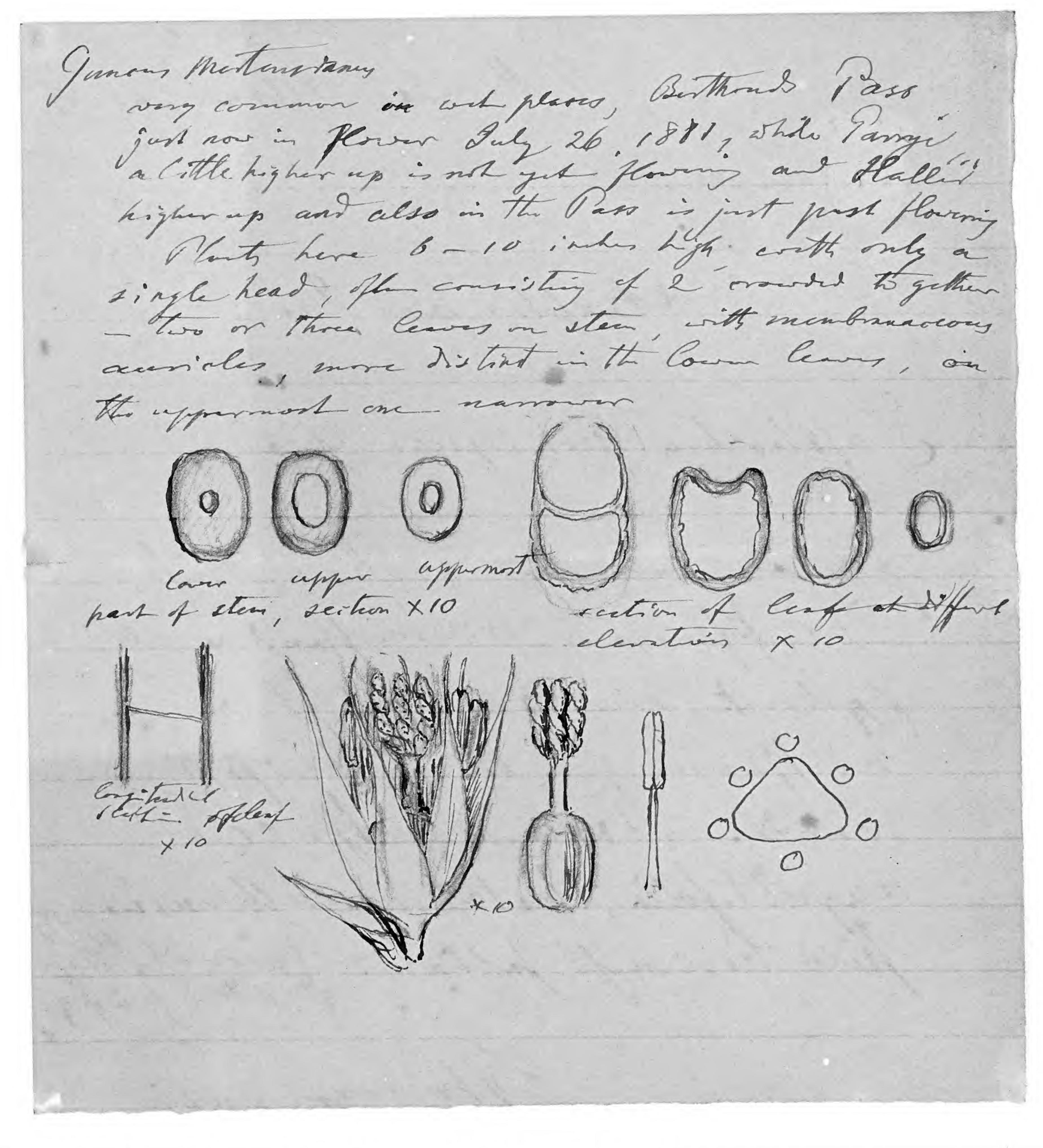


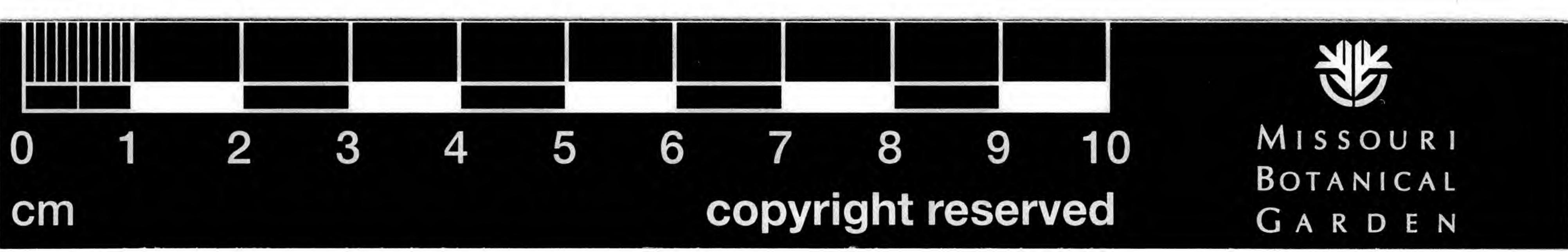
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MISSOURI BOTANICAL GARDEN. GEORGE ENGELMANN PAPERS







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Juany Tylaci, note i Al. Hawlelle Any 1868, original sperion, like effersus, be flowers much larger, some Coke glewery but flowers green.





